**Receiving Report** 

	ate: ////2/97 upplier: ////////////////////////////////////	inh		h No: <u>M//</u> P/O:/	89/6 555/	
Packing Slip: Invoice: Receipt:	Yes No Yes Cash Cr	V s	Release Note A Vaybill Attache Shipment Com QC6 Inspection Vork Order	ed: Ye	es No	
Discrepancies		<b>1</b>		<u>ب</u>	4/12/09	
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
	Manager to the control of the contro				and the second	
	•	Initials	of receiver (	if shipment	OK) Level 1	1//
Production/Adi Date Received/Cost Initial	11/12/9				Locatio	

H:\FORMS\Purchasing\approved purch\RECTEPORT Rev D

No: PEC IV-588628

INVOICE

Sold By:

THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 9057389033

Date: 09Dec11 Remit to: Due: 08Jan12 THYSSENKRUPP MATERIALS NA c/o T27540 P.O. BOX 4275, POSTAL STATION 'A' TORONTO, ONTARIO M5W 5V8

Sold To: ( 20115) DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

Shipped To: ( 1) DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

Shp Dt 09Dec11 Ord Dt 28Nov11 SO No ST-393932 B/L PEC 743087
Trm NET 30 DAYS/NET 30 JOURS PO/Rel 15551/BRIDGETTE
Frt PREPAID Via TRANSFER TRUCK FOB CONCORD
Slp TRINA VINCE (905-532-1365 Pb1 1 ALUMINUM SHEET 2024 -T3 4 PCS .0640 Nom X 48.0000" X 144.0000" 179 LBS 1,048.00 4 PCS @ 262.0000 EA MATERIAL \_\_\_\_\_\_ \_\_\_\_\_\_ 2 ALUMINUM PLATE 7075T7351 1 PCS 2.50" THICK X 3.2500" X 72.0000" 60 LBS MATERIAL 1 PCS @ 353.0000 EA 353.00 🏏 Total Shipped: 5 PCS 239 Interest will be charged at 1.5% per month or 18% per year on overdue accounts. \*\*\*\*\*\*\* CLOSED FOR THE HOLIDAYS \*\*\*\*\*\*\* ON DEC. 26TH & 27TH, 30TH & JAN. 2ND. WE ARE OPENED FOR BUSINESS ON DEC. 28TH & 29TH. HAVE A HAPPY HOLIDAY SEASON! \*\*\* SALES DEPT. OFFICE HOURS \*\*\* 7:30 AM TO 5:00 PM - MONDAY TO FRIDAY \*\*\*\* TEL. 800-926-2600 \*\*\*\* \*\*\* CUSTOMER PICK-UP HOURS \*\*\* \*\*\* 9:00 AM TO 4:00 PM \*\*\* \*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE ADDED TO EVERY ORDER, \*\*\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WE STOCK STAINLESS STEEL!!!! PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \* # TPS/GST TVH/HST 140223934 RT0001 # TVQ - QST 1017327981 TQ0001

Taxes: ONHSTS 182, 13

\* Material Processing Freight Other

Page: 1 .... Last JAN 12 2012

TOTAL DUE

Taxes

182. 13

18001

## Purchase Order Receipt Listing

Friday, December 09, 2011 8:12:04 AM

All amounts are calculated in domestic currency.

All Line Item Types Receipt Dates from 12/9/2011 to 12/9/2011 All Item ID/GL/WOs All Rec. Employees All Currencies PO ID PO15551 Grouped by Vendor ID All Vendors

0.0000 0.0000 0.0000 198.0000 \$1,400.99 \$353.00 \$1,048.00 Book Amt 0 0 0 MRB Qty/ MRB Reject Total Received Quantity: Total Qty to Inspect (PO U/M): Total Reject Quantity: Total Receipt Value: Total Balance Due Quantity: Inspected Qty/ Rejected Qty (PO U/M) 0.0000 0.0000 0.0000 0.0000 Cost Per Unit/ Recv Value \$5.46 \$1,048.00 \$58.83 \$353.00 Qty (PO U/M) 6.0000 Recv 192.0000 DESJ02 Recv Date/ Recv Emp 12/6/2011 12/9/2011 12/6/2011 12/9/2011 DESJ02 Required Date Required Qty 192.0000 6.0000 Thyssenkrupp Materials CA Ltd PO U/M / Stock U/M  $\mathbf{sf}$  $\mathbf{sf}$ M7075T73B2.500X0 f 7075-T73 Bar 2.50 x f 2024-T3 .063 sheet M2024T3S.063 Project ID Reference/ Description/ Cert Std 119916 119916 VC-COP001 3.25 VendorID\Vendor Name Line Nbr/ Insp Req ž 8 N Purchase Order ID/ Curr Type PO15551 CAD

#**Z** 

Z)

OF LADING Ship Date 09Dec11 at 14:58 From PFW THYSSENKRUPP MATERIALS NA Probill 2821 LANGSTAFF ROAD Via TRANSFER TRUCK CONCORD, ONTARIO L4K 5C6 FOB CONCORD Tel: 905 669 9444 Fax: 9057389033 Frt PREPAID Route 0- 0 Manifest Vhcle Trailer TRINA VINCE (905-532-1365) Sold To: (20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

239

Ship To: DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7 Tel: 613-632-9577 Fax: 613-632-1053

BILL OF LADING 1) Our Order PEC-393932- 1 Your PO # 15551 Part # Rel #/BRIDGETTE ALUMINUM SHEET 2024 -T3 .0640 Nom X 48.0000" X 144.0000" Heat Number Tag No Quantity PCS 558264A8 16944 192.00 SFT 4 2) Our Order PEC-393932- 2 Your PO # 15551 Part # Rel # BRIDGETTE ALUMINUM PLATE 7075T7351 2.50" THICK X 3.2500" X 72.0000"

Heat Number Tag No Quantity PCS
772471 509761 1.63 SFT 1 Tags LBS TOTAL: 2 5

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING. ATTN: CHANTAL/LINDA

Ship From:

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*

\*\* REFERENCED ON IT \*\*

\*\*\*\*\*DO NOT CHARGE ENERGY SURCHARGE - BILLED ON S/O 393931

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT. ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT. MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

RECU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001 ALFLR 01583

SHIP TO:

Charleston Aluminum LLC 480 Frontage Rd Gaston, SC 29053

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SO	1.	n	TC	١-

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215

### **CERTIFIED TEST REPORT**

Serial Number 4240572

CUSTOMER PO NUMBER: KS-533196		WORK PACKAGE:		CUSTOMER PART NUMBER:				RUN/LOAD: GOV		T CONTRACT NUMBER:	
KAISER ORDER NO: 1125518	LINE ITE		EP-2011	ALLOY: 2024	CLAD: BARE	TEMP T3	ER:	PRODUCT DESCRIPTION: HT Flat Sheet			
WEIGHT SHIPPED: 3012 LB	GUANTI 67 PCS		B/L NU 2033	MBER: 920	GAUGE: 0.0630 I	4		DIAMETERA 48.000 IN		LENGTH: 144.000 IN	

MHU 1523931: LOT 558264A8: 67 pieces;

**Certified Specifications** 

AMS 4037/RevN CMMP 019/RevD AMS-QQ-A-250/4/RevA CMMP 025/RevT

**ASTM B 209/Rev07** 

Test Code: 1504

**Test Results** 

Lot 558264A8 Cast 544

Drop 26

Ingot 2

CR

10.0

Melted in USA

(ASTM E8/8557)

(EN 2002-1)

Tensile:

Temper **T3** 

Dir / # Tests LT / 2 (Min:Max)

Ultimate KSI (MPA)

66.7:67.1

Yield KSI (MPA) 44.2:44.5

TI

0.02

(305:307)

**Elongation %** 

ZR

0.01

19.1:19.5

(ASTM E1251)

Chemistry: Actual

SI 0.10

FE 0.25

CU MN 4.5 0.56 MG 1.3

(460:463)

ZN

0.09

0.02

OTHER

0.04 TOT

**ALLOY LIMITS** 

**MAX** ZR OTHER ΤI ZN FE CU MN St 2024 0.05 **EACH** 0.00 0.00 0.00 0.00 0.00 3.8 0.30 1.2 0.00 0.00 MIN 0.15 0.05 0.05 TOT 0.25 0.15 1.8 0.10 0.50 0.50 0.9 MAX

Aluminum Remainder



Trentwood Works - Spokane, WA 99215

### **CERTIFIED TEST REPORT**

Serial Number 4240572



### CERTIFICATION

KAISER ALUMINUM FABRICATED PRODUCTS, LLC (KAISER) HEREBY CERTIFIES THAT METAL SHIPPED UNDER THIS ORDER WAS MELTED IN THE UNITED STATES OF AMERICA OR A QUALIFYING COUNTRY PER DFARS 255.872-118), WAS MANUFACTURED IN THE UNITED STATES OF AMERICA, AND MEETS THE REQUIREMENTS OF DFARS 252.225 FOR DOMESTIC CONTENT. THIS MATERIAL HAS BEEN INSPECTED, TESTED, AND FOUND IN COMPORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS INDICATED HEREIN, ALL METAL WHICH IS SOLUTION HEAT TREATED COMPLIES WITH AMS 2772. ANY WARRANTY IS LIMITED TO THAT SHOWN DN KAISER'S STANDARD GENERAL TERMS AND CONDITIONS OF SALE. TEST REPORTS SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF KAISER ALUMINUM FABRICATED PRODUCTS, LLC LABORATORY. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTIRES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. ISO-9001:2000 CERTIFIED.

**FORM:** 1006

### WORKORDER:

2401573739

### COPPER AND BRASS SALES

MATERIAL TYPE

### ALUMINIUM ALLOYS PRODUCT DESIGNATION

2014 2024 2224 2324 7050 7075 7150 7175 7475 ALUMEC 89 ALUMEC 99 QC-7

### "WARNING"

SMALL CHIPS, FINE TURNINGS AND DUST MAY IGNITE READILY. EXPLOSION POTENTIAL MAY BE PRESENT WHEN: DUST OR FINES ARE DISPERSED IN THE AIR; FINE, DUST OR MOLTEN ALUMINUM ARE IN CONTACT WITH CERTAIN METAL OXIDES; OR, CHIPS, FINES, DUST OR MOLTEN ALUMINUM ARE IN CONTACT WITH WATER OR MOISTURE, KEEP AWAY FROM IGNITION SOURCE, USE EXPLOSION-PROOF VENTILATION.KEEP MATERIAL DRY.

THIS PRODUCT CONTAINS BERYLLIUM AND COPPER.INHALING BERYLLIUM DUST OR FUMES MAY CAUSE CHRONIC BERYLLIUM DISEASE (CBD), A SERIOUS CHRONIC LUNGDISEASE IN SOME INDIVIDUALS.BERYLLIUM IS A CANCER HAZARD; OVER TIME CBDAND CANCER CAN BE FATAL, TARGET ORGAN IS PRIMARILY THE LUNG. INHALING LARGE AMOUNTS OF COPPER, MAGNESIUM OXIDE, MANGANESE OXIDE, ANDZINC OXIDE FUMES OR DUST MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS.CHRONIC OVEREXPOUSURE TO COPPER MAY CAUSE THICKENING OF THE SKIN; AND SKIN, TEETH, AND HAIR DISCOLORATION. CHRONIC OVEREXPOUSURE TOMANGANESE DUST CAN CAUSE CENTRAL NERVOUS SYSTEM DAMAGE, SCARRING OF THELUNGS AND REPRODUCTIVE HARM IN MALES. TARGET ORGAN IS PRIMARILY THE LUNG, BUT REPEATED HIGH EXPOSURE CAN ALSO AFFECT THE LIVER.CHRONICOVEREXPOSURE TO IRON OXIDE DUST/FUME MAY CAUSE LUNG SIDEROSIS. CHRONIC OVEREXPOSURE TO SILICON DUST CAN CAUSE CHRONIC BRONCHITIS.OVEREXPOSURE TO AMORPHOUS SILICA CAN CAUSE DRYING OF THE MUCOUSMEMBRANES OF THE EYES, NOSE, AND THROAT.

THIS PRODUCT ALSO CONTAINS NICKEL AND CHROMIUM COMPOUNDS.INHALATION OF NICKEL DUST OR FUME MAY RESULT IN INFLAMMATION OF THE RESPIRATORY TRACTAND CAUSE NASAL AND/OR LUNG CANCER, NICKEL HAS BEEN IDENTIFIED AS A POTENTIAL HUMAN CARCINOGEN.EXPOSURE TO CHROMIUM DUST OR FUMES MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS AND KIDNEY AND LIVER DAMAGE.UNDER HIGH TEMPERATURES, HEXAVALENT CHROMIUM MAY BE PRODUCED, IF IN THEINSOLUBLE FORM, IT IS A CONFIRMED HUMAN CARCINOGEN.(CALIFORNIA PROPOSITION 65).

IF COATED WITH OIL, MAY CAUSE SKIN IRRITATION/DERMATITIS BY CONTACT. WELDING FUME IS LISTED AS A POSSIBLE CARCINOGENIC TO HUMANS.

READ THE ALUMINIUM/ALUMINIUM ALLOYS MATERIAL SAFETY DATA SHEET (MSDS) ON FILE WITH YOUR EMPLOYER BEFORE WORKING WITH THIS MATERIAL.

- \* If processing or recycling produces particulate, use exhaust ventilation or other controls designed to prevent exposure to workers. Examples of such activities include melting, welding, grinding, abrasive sawing, sanding and polishing. Any activity which abrades the surface of this material can generate airborne particulate. Use appropriate NIOSH approved respiratory protection (P95; P100 for lead with, quantitative fit testing required) if exposures exceed the permissible limits.
- \* The Occupational Safety and Health Administration (OSHA) have set mandatory limits on occupational exposures.
- \* Aluminum, in solid form and as contained in finished products presents no special health risk.
- \* Sold for manufacturing purposes only. This product can be recycled; contact your sales representative.

For additional information, call or write to Copper and Brass Sales, 22355 West Eleven Mile Road, Southfield, MI 48033,telephone248-233-5600, or visit our web site @ www.copperandbrass.com.

ALUMINUM LABEL NO. 300-1056

**ISSUED 10/01/2008** 

## CERTIFIED INSPECTION REPORT

We hereby ceitify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the describen and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. Alcoa Inc.

1315186 Ship Date

B.L. No. 6538547

Invoice No

2011-11-30

P.O. No./Govt Contract No.

5400118948 Ln#: 5

# DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From:

RIVERDALE, IA.

Alcoa No. Item 1000333771-8

DP-33771-5

Customer Alcoa Item

COPPER & BRASS SAL G041010318R11

This test report shall not be reproduced except in kult without the written approved of the Quality Department. No atteration, addition or other change is authorized to be made to this certificate. The recording of false, fictificute, or otherwise frauddent statements or entries on this certificate by any recipient may be punished as a falony under applicable law. Ferrence Thom

uality Assurance Manage

Director of Manufacturing Davenport Work

Malcolm Murphy

Ship To: COPPER & BRASS SALES INC WALLINGFORD 06492 CT 5 STERLING DR WALLINGFORD BRANCH

> Page 1 of.

40 % USI CL A 3 MM CQR 0158316 REV 11 0.000) X 144.5 IN LN (+.5 -0.0) (N) A/T 7075-T7351 RECTANGLE MILL FINISH, USI 3MM DEAD ZONE REQ'D BOTH SIDES, SAWED ALFILR0249. AMS-QQ-A-250/12 IS 2007 EXC MRK AMS-STD-2154 IS 2010 EXC MRK AMS4078 REV G EXC MRK AMS-STD-ASTMB209 REV 10 EXC MRK ASTMB594 REV 09 INTERLEAVED MAX GROSS SKID WGT: 5000 LB QUAN TOL +/-((MARKED)) KRAFT PAPER EXC\_MRK BSS7055 REV P EXC\_MRK PS21211 REV L 0.000) X 144.5 IN LN (+.5 Them Description \*\*\* W/E 11-12-10 \*\*\* 60.5 IN W (+.375 -CUST REQ 11-11-

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	Inspector Clock Numbers 47348 47348 47348	1

Notes for CQR: 0158316.11

PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ- A-250/12 ALSO MEETS THE REQUIREMENTS OF QQ-A-250/12F. PRODUCED AND MARKED TO THE REQUIREMENTS OF QQ-A-250/12F. PRODUCT PRODUCED AND MARKED TO THE REQUIREMENTS OF AMS-QQ-A-250/12F. PRODUCT THIS MATERIAL HAS BEEN ULTRASONICALLY INSPECTED FULLY IMMERISION - TYPE I.

THIS MATERIAL HAS BEEN ULTRASONICALLY INSPECTED FULLY IMMERISION - TYPE I.

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COR: 0158316.11 -Specification Limits --

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52.0	KSI		
ø	EL4D PCT		

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## CERTIFIED INSPECTION REPORT

### Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the describion and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

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Per:

2011-11-30 1315186 Ship Date

B.L. No. 6538547

P.O. No./Govt Contract No. 5400118948 Ln#: S

Customer

00000 Invoice No

Alcoa No. Item 1000333771-8

Ship From:

RIVERDALE, IA.

COPPER & BRASS SAL G041010318R11

Alcoa Item

DP-33771-5

Terrence Thom Juality Assurance Manager

Page 2 of 2

H9397014 Actuals 0.07 0.27 1.7 0.03 2.5 0.19 5.7 0.02  This material was melted in the United States or a Qualifying Country [RBF DFARS 225.872.1(a)]; it was manufactured in the United States	T7351 Blect Cond %IACS 40.5 41.2 41.0 PCT Cast Number Chemical - OES SI FE CU MN MG CP 7N TT	Tmpr Dir Test KSI TYS EL4D T7351 Long Transv. 3 71.7 60.7 10.6 71.6 60.8 11 71.5 60.6 10.4	0.40 0. Physical	CQR: 0158316.11 -Specification Limits (cont.)
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